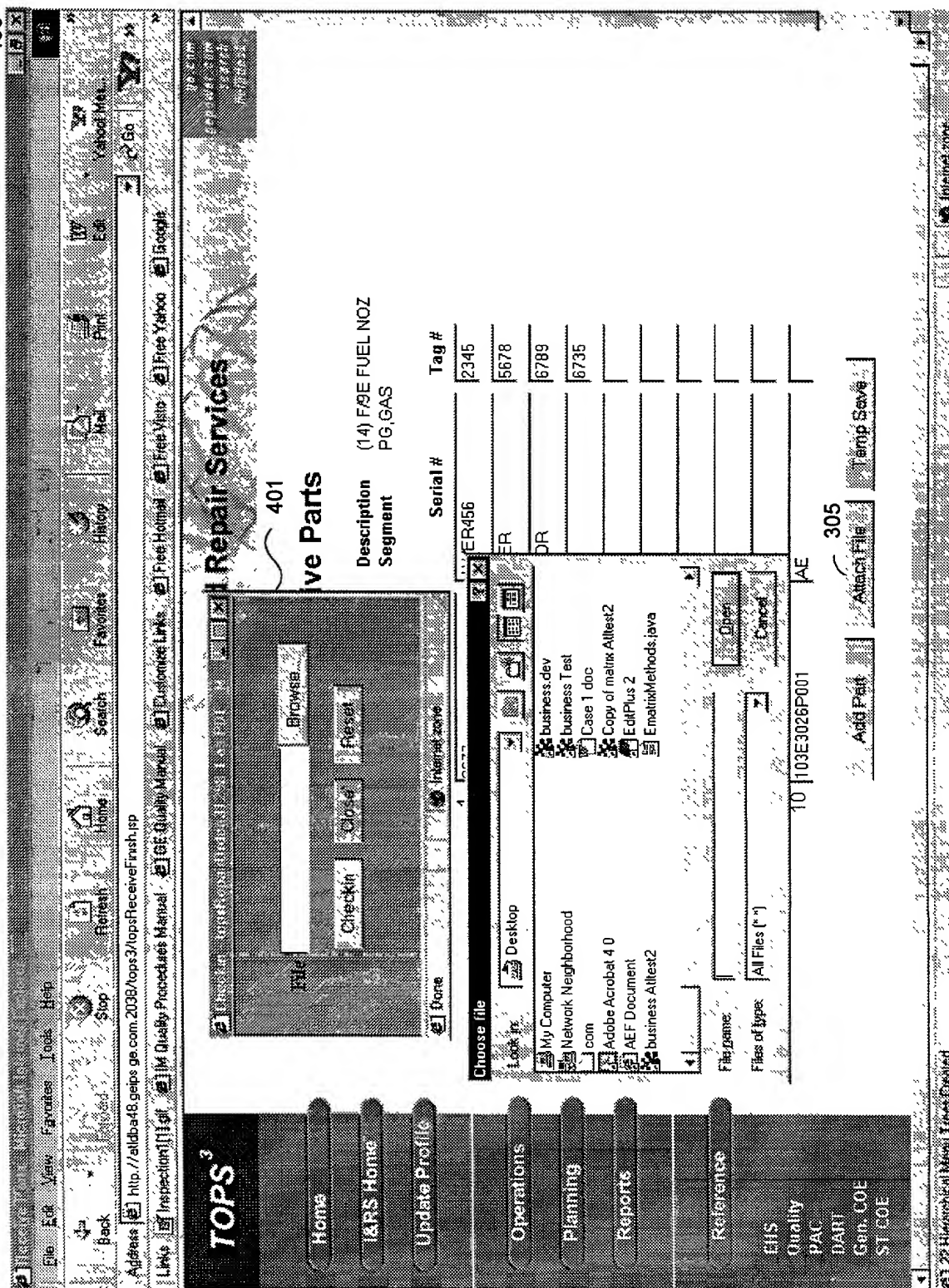






**Fig. 3**



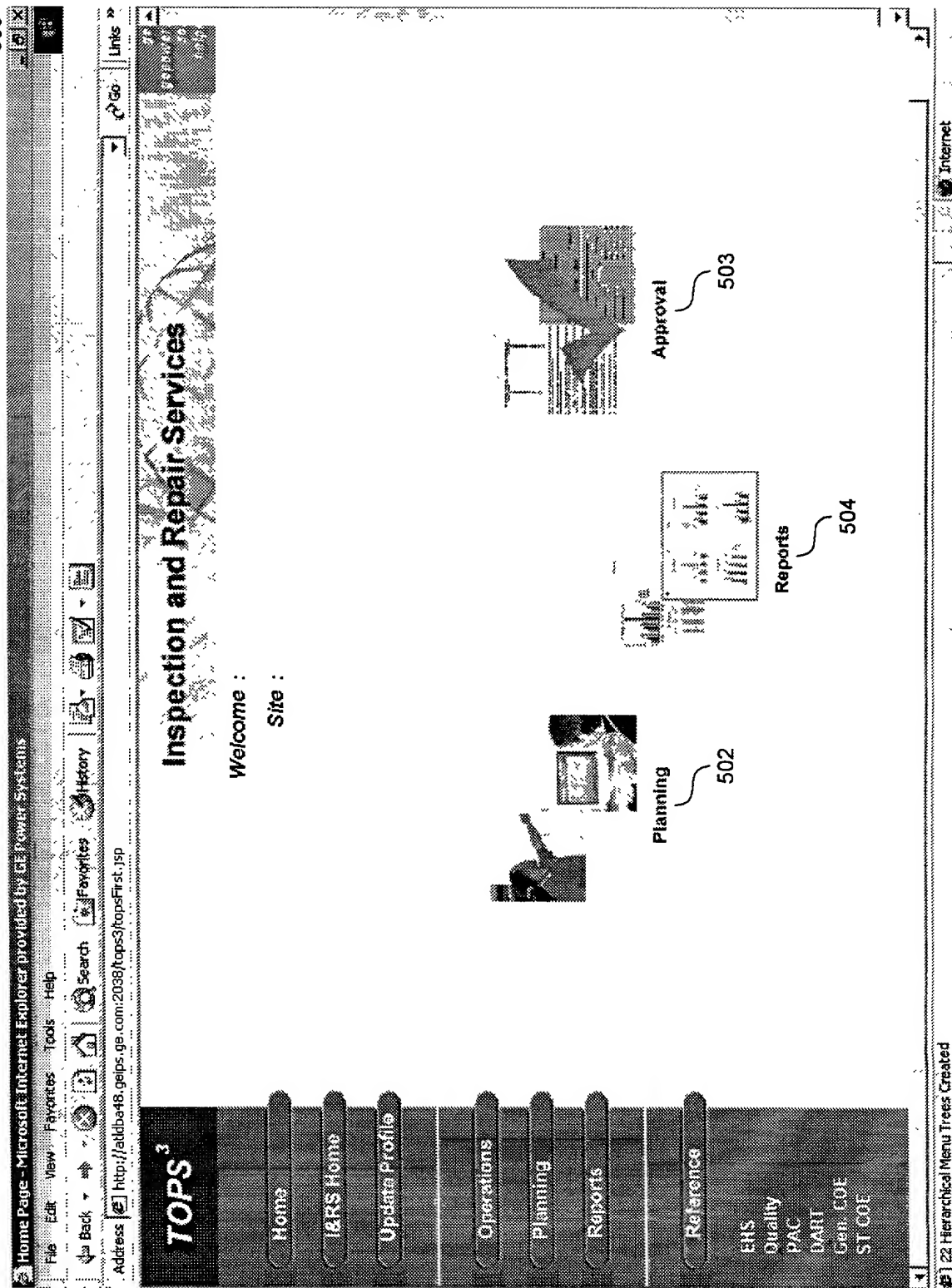


Fig. 5

600
601

Planning - Microsoft Internet Explorer provided by GE Power Systems

File Edit View Favorites Tools Help

Back Forward Stop Search History Favorites

Address http://atlbb48.geips.ge.com:2038/tops3/topsPlanning.jsp

**TOPS<sup>3</sup>**

Home

I&RS Home

Update Profile

Operations

Planning

Reports

Reference

EHS
Quality
PAC
DART
Gen. COE
ST COE

## Inspection and Repair Services

### Planning Search

Select the Available Job#

Job#

30481 | TRANSCO | F/3 LP ROTOR

Customer

TRANSCO

Description

F/3 LP ROTOR

Segment

Segment

Component

Component

Customer

Customer

Drawing #

Drawing #

Narrow Search

602

603

### Plan Information

Standard Plan

SP20001 | 7E11 Rotor

OR

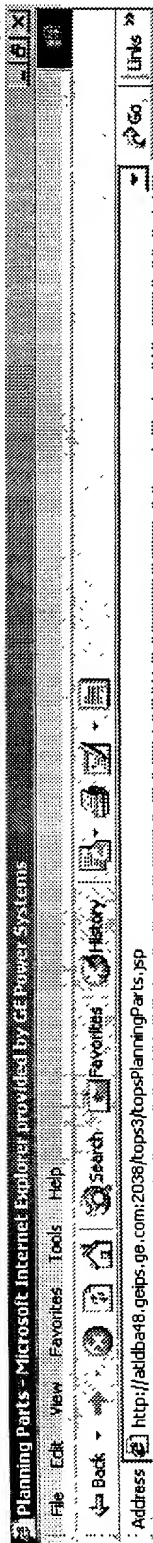
Previously Built Plan

Next

Cancel

Fig. 6





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Reports

Reference

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Quality  
PAC  
DART  
Gen. COE  
ST. COE

## Inspection and Repair Services

### Planning Assembly

Job# 30481 Plan 30481-SP20001 702  
Segment PG, GAS Customer TRANSCO

Parts Structure  
2077-30481 701  
2077-AS12345  
2077-AS12346  
2077-AS12347 703

#### Assembly description

| Drawing #        | Serial # | Component              |
|------------------|----------|------------------------|
| Part Description |          | Attach >><br>Detach >> |

#### Available 705

| SubPlan | Description               |
|---------|---------------------------|
| 11      | CR Receive & Inspect      |
| 10      | Turbine Rotor Disassembly |
| 11      | Turbine Thru Bolts        |
| 12      | Turbine Pieces            |
| 13      | Turbine Rotor Assembly    |
| 2       | CR Clean & NDT            |
| 3       | CR Machine & Balance      |
| 4       | CR Disassembly            |
| 5       | Comp Wheel Full Reblade   |

#### Selected

| SubPlan | Description |
|---------|-------------|
| >>>     |             |
| <<<     |             |
| All     |             |

Next Cancel

Fig. 7

800

Planning Parts - Microsoft Internet Explorer provided by GE Power Systems

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address http://atdb-a48.geps.ge.com:2038/tps3/topsPlanningStep.jsp

TOPS<sup>3</sup>

# Inspection and Repair Services

801

802 Job# : 30481 Plan : 30481-SP20001 Segment : PG,GAS Customer : TRANSCO

| Mile Stone | Sub plan | Step | OpCode | Duration | Description                                      | Insp. Form | M. Sheet | Select                   |
|------------|----------|------|--------|----------|--|------------|----------|--------------------------|
|            | 10       | 010  | WFI6   |          | Set rotor vertical and install in stacking stanc |            |          | <input type="checkbox"/> |
|            | 10       | 020  | WFI7   |          | Unstretch turbine rotor studs                    |            |          | <input type="checkbox"/> |
|            | 10       | 030  | WFI9   |          | Disassemble Turbine Rotor                        |            |          | <input type="checkbox"/> |

804 Drawing# - Serial#

805

Parts Available

Parts On Hold

Reassign Parts

Show parts on Final Step

View Extra Text

805

Keep Parts On Hold

Release Hold

Scrap Part

Show Scrap Part

Add Extra Text

View Log

806

Attach Insp Form

Attach M. Sheet

Detach Insp Form

Detach M. Sheet

View Insp Form

View M. Sheet

Black

Finish

Cancel

Fig. 8



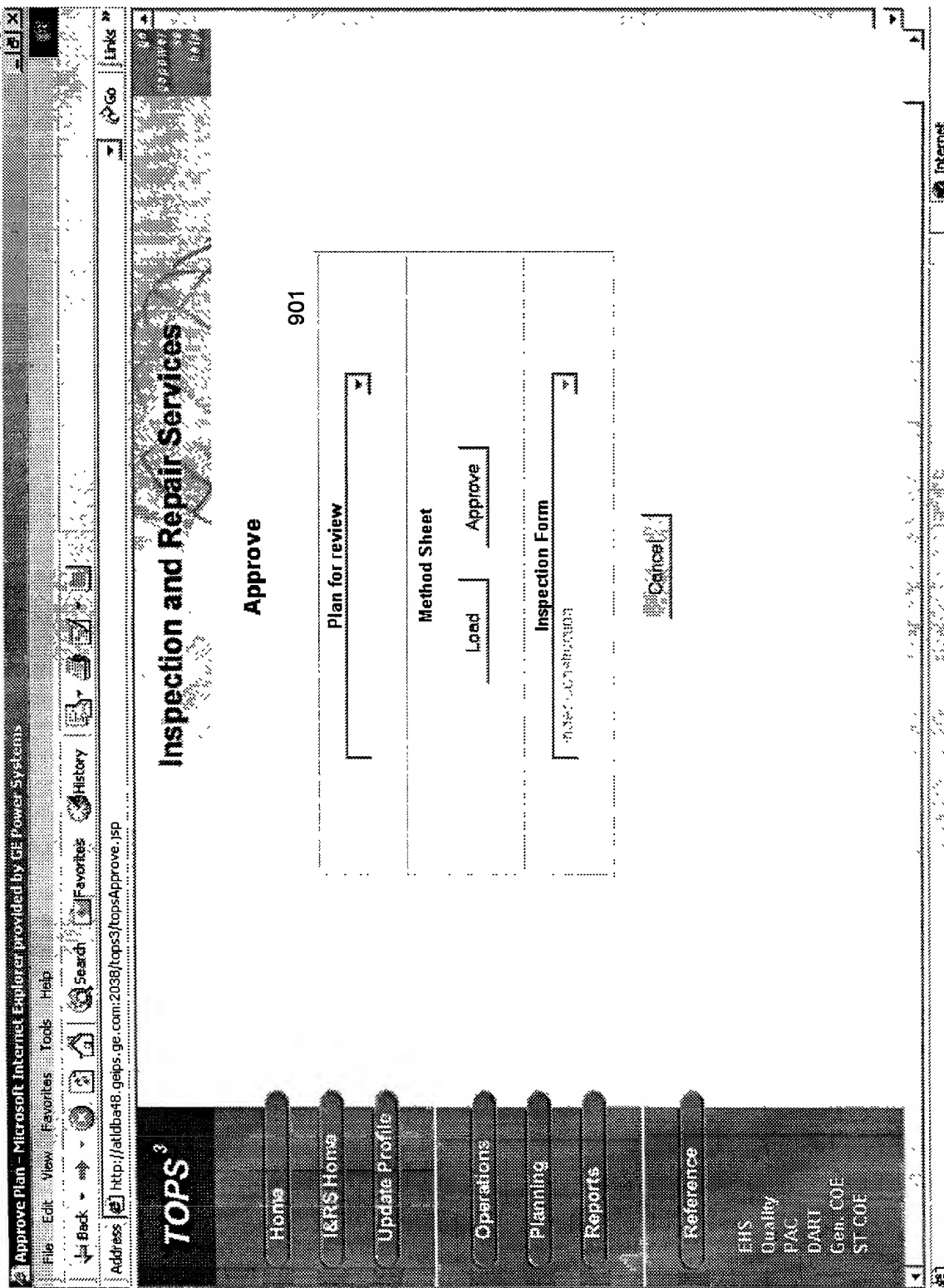
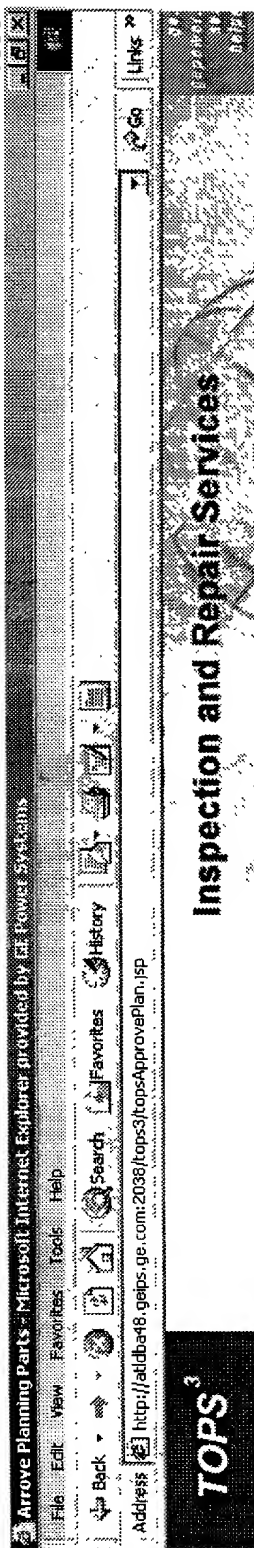


Fig. 9

200410" EZE0560

1000



1001

### Approve Plan Steps

RO # T00001 Part Type Bucket

Drawing #

List of steps Plan T00001-SP00005 Created for :

NO SUBPLANS ARE ATTACHED 1002

| Options   | Reason for decline ! |
|---|----------------------|
| <input type="radio"/> Accept <input checked="" type="radio"/> Decline |                      |

1003

Finish

Fig. 10

20080707 14:44:00

1100

Approve Plan - Microsoft Internet Explorer: provided by GE Power Systems

File Edit View Favorites Tools Help

Back Forward Stop Search History Favorites

Address http://atl048.geips.ge.com:2038/tops3/topsApproveMSheet.jsp

Go Links

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Gen. CDE

ST CDE

**Inspection and Repair Services**

**Approve Method Sheet**

Method#

View

1102

Approve

Reject

1103

Finish

Cancel

1101

Fig. 11

1201

## Inspection and Repair Services

## Process Job

|          |      |           |               |
|----------|------|-----------|---------------|
| Job#     | 1202 | Plan      | 31898-SP00002 |
| Customer |      | Component | Rotor         |

Check job status details [Show Parts Status](#) 1203

**Select step to proceed with**

1204

| Sub Plan | Step | OpCode | Duration | Description                                   | Select                   |
|----------|------|--------|----------|---|--------------------------|
| 1        | 010  | BA01   |          | Receive Buckets Issue receiving report        | <input type="checkbox"/> |
| 1        | 020  | BZ01   |          | QC TOLLGATE *                                 | <input type="checkbox"/> |
| 1        | 030  |        |          | TECH TO REVIEW DATA AND ADVISE NEXT OPERATION | <input type="checkbox"/> |
| 1        | 040  | BA02   |          | Issue incoming visual inspection report       | <input type="checkbox"/> |
| 1        | 050  | BA05   |          | Clean buckets                                 | <input type="checkbox"/> |
| 1        | 060  | BA07   |          | Issue incoming FPI report                     | <input type="checkbox"/> |
| 1        | 070  | BA10   |          | Dimensionally inspect bucket                  | <input type="checkbox"/> |

# What 22 Hierarchical Menu Trees Created.

**Fig. 12**

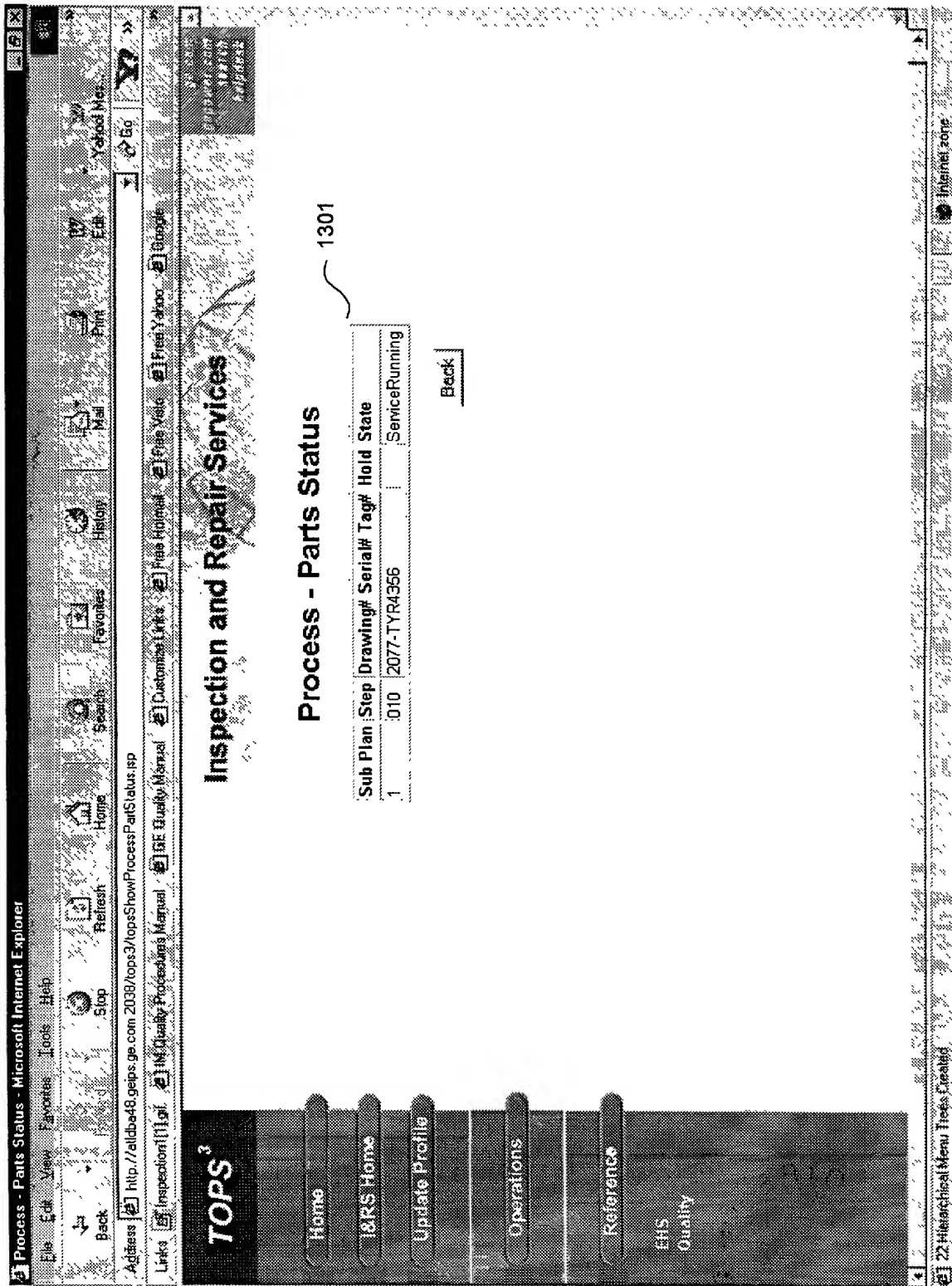


Fig. 13

1400

TOP3 - Total Operational Planning Services Support System - Microsoft Internet Explorer

Address: http://altda48.geips.ge.com:2038/top3/ProcessExecution.jsp

Links: Inspection Manual, Quality Procedures Manual, Quality Manual, Customer Links, Feedback, Print, Edit, Go, Yahoo! Mail, Yahoo! Messenger

### Process Job

|           |                  |      |              |                                     |
|-----------|------------------|------|--------------|-------------------------------------|
| RO #:     | 31898            | 1402 | Drawing:     | 2077                                |
| Customer: | GENERAL ELECTRIC |      | Component:   | Rotor                               |
| Sub Plan: | 1                |      | Op. Code:    | BA01                                |
| Step:     | 010              |      | Description: | Receive Buckets.<br>Issue receiving |

**Select any of the following:**

Available Parts 1403

Work Complete >>

<< Undo Complete

Select All

Parts Hold

Voucher

Complete Parts 1404

Hours

Job Log

View Update

Back Finish Cancel

22 Hierarchical Menu Trees Deleted

Fig. 14



**OPL FA05**

EXTERNAL INSPECTION SEE DET 106

|                   |   |         |
|-------------------|---|---------|
| 1501              | 1502  | 1501    |
| CUSTOMER:         | EXTERNAL FIRE DAMAGE:   | JOB NO. |
| TELEPHONE & POWER | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | 50032   |

ATTACHMENT IS INDICATED IN CHECKS MAKE A NOTE BELOW DESCRIBING

[illegible]

| COVER DAMAGE |   | CONTROL CABINET DAMAGE |   |            |   |          |   |
|--------------|---|------------------------|---|------------|---|----------|---|
| WELDS Y      | N | HOUSING Y              | C | CONTROLS Y | C | WIRING Y | C |
| FLANGES Y    | C | N                      | C | N          | C | N        | C |
| BRACES Y     | C | N                      | C | N          | C | N        | C |

## ACCESSORY DAMAGE

| 1504         |         |
|--------------|---------|
| PUMPS        | Y C N C |
| PUMPS VALVES | Y C N C |
| FANS         | Y C N C |
| THERMAL DEV  | Y C N C |
| CT OUTLET    | Y C N C |
| BUSH ADPTE   | Y C N C |
| CONDUIT      | Y C N C |
| COOLING PIPE | Y C N C |
| RADIATORS    | Y C N C |

**REMARKS:**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

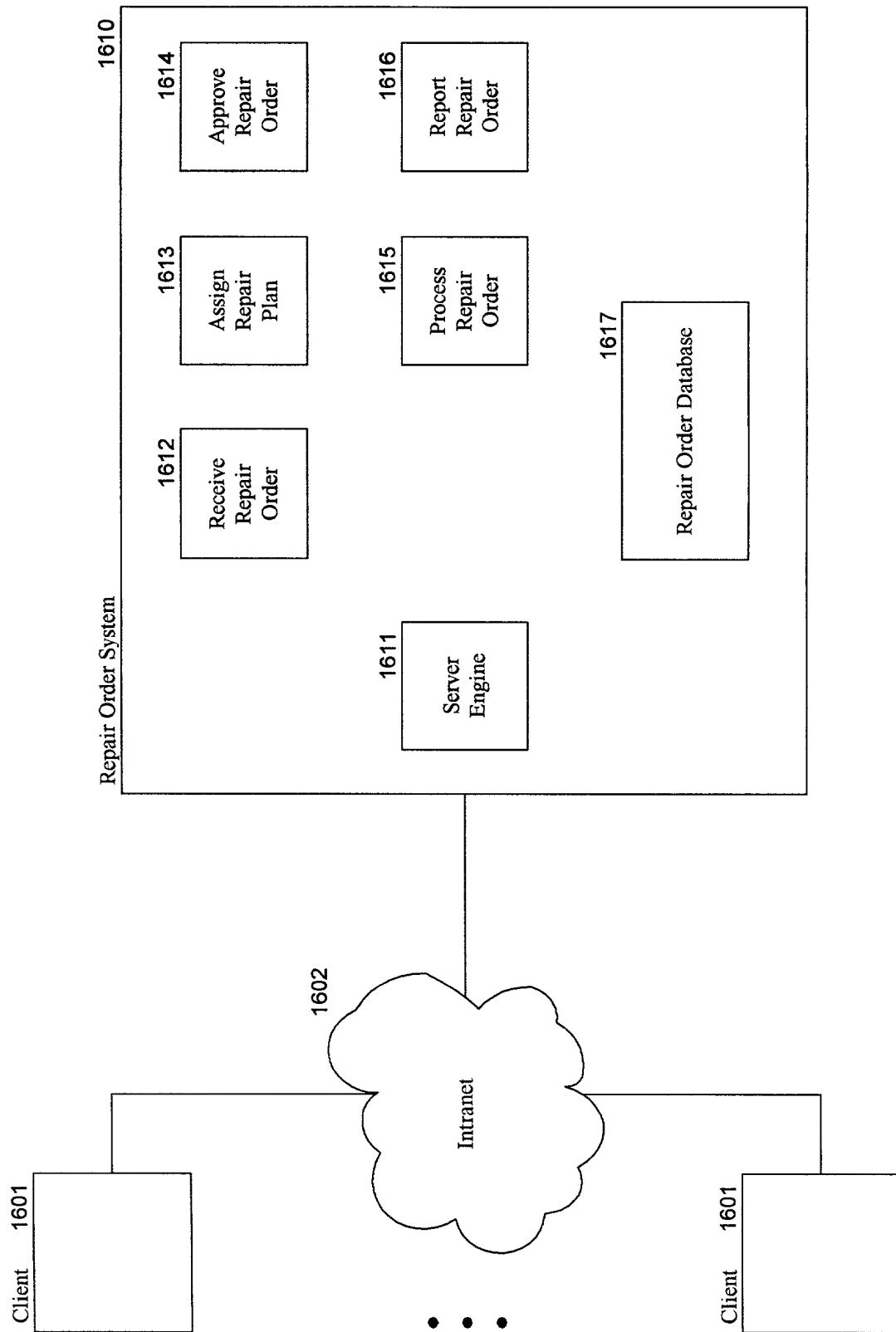
INSPECTED BY:

DATE

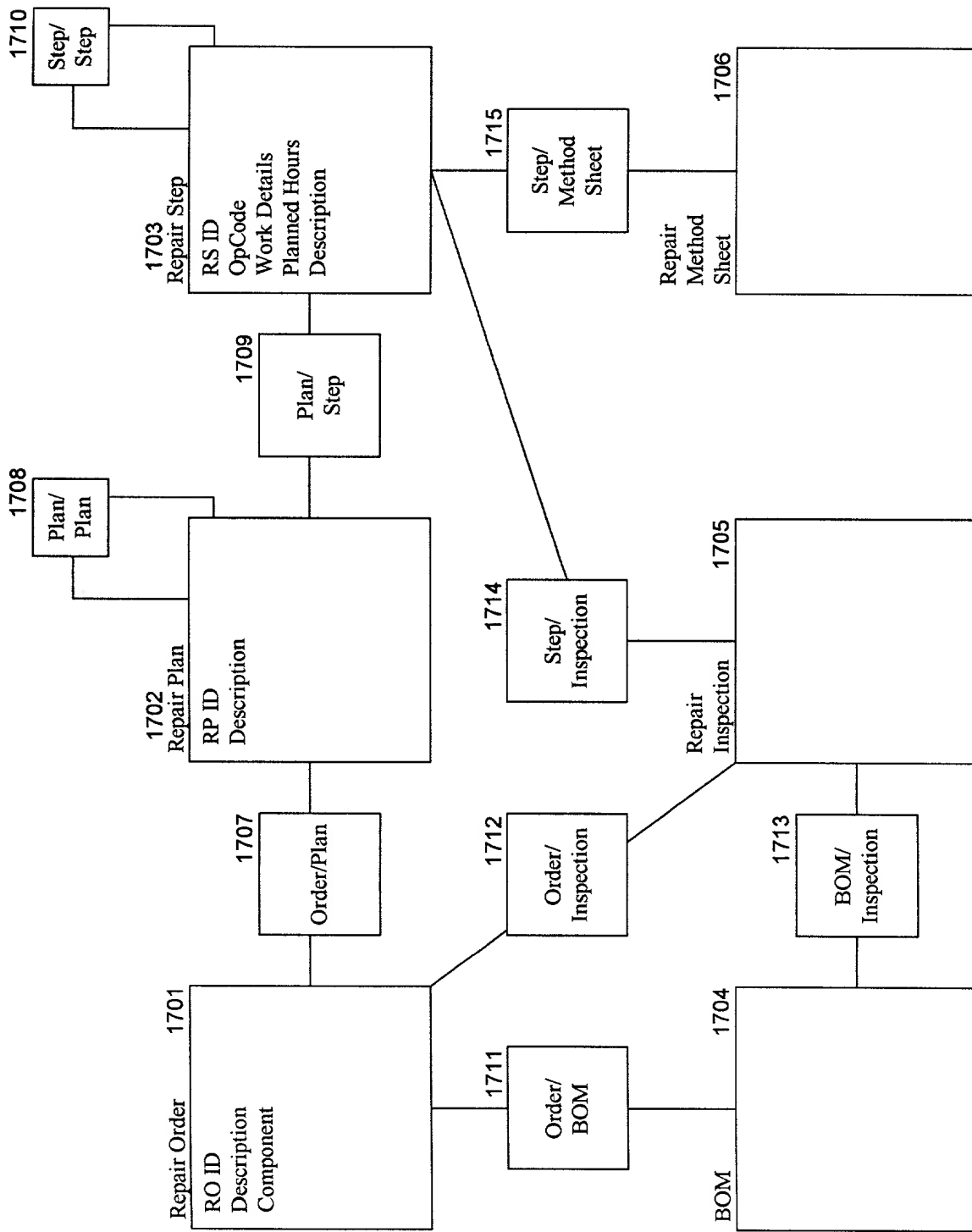
**AUDITED BY:**

# DATE

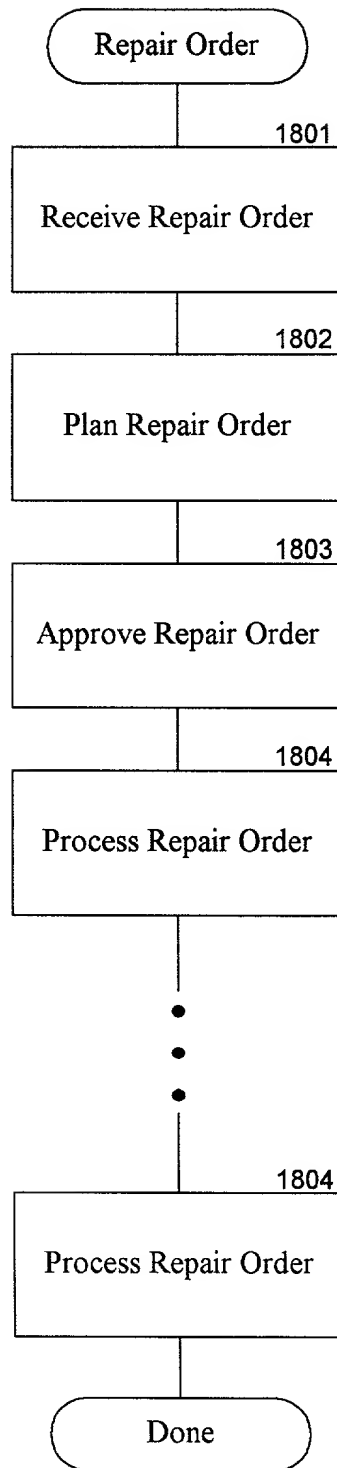
**Fig. 15**



**Fig. 16**

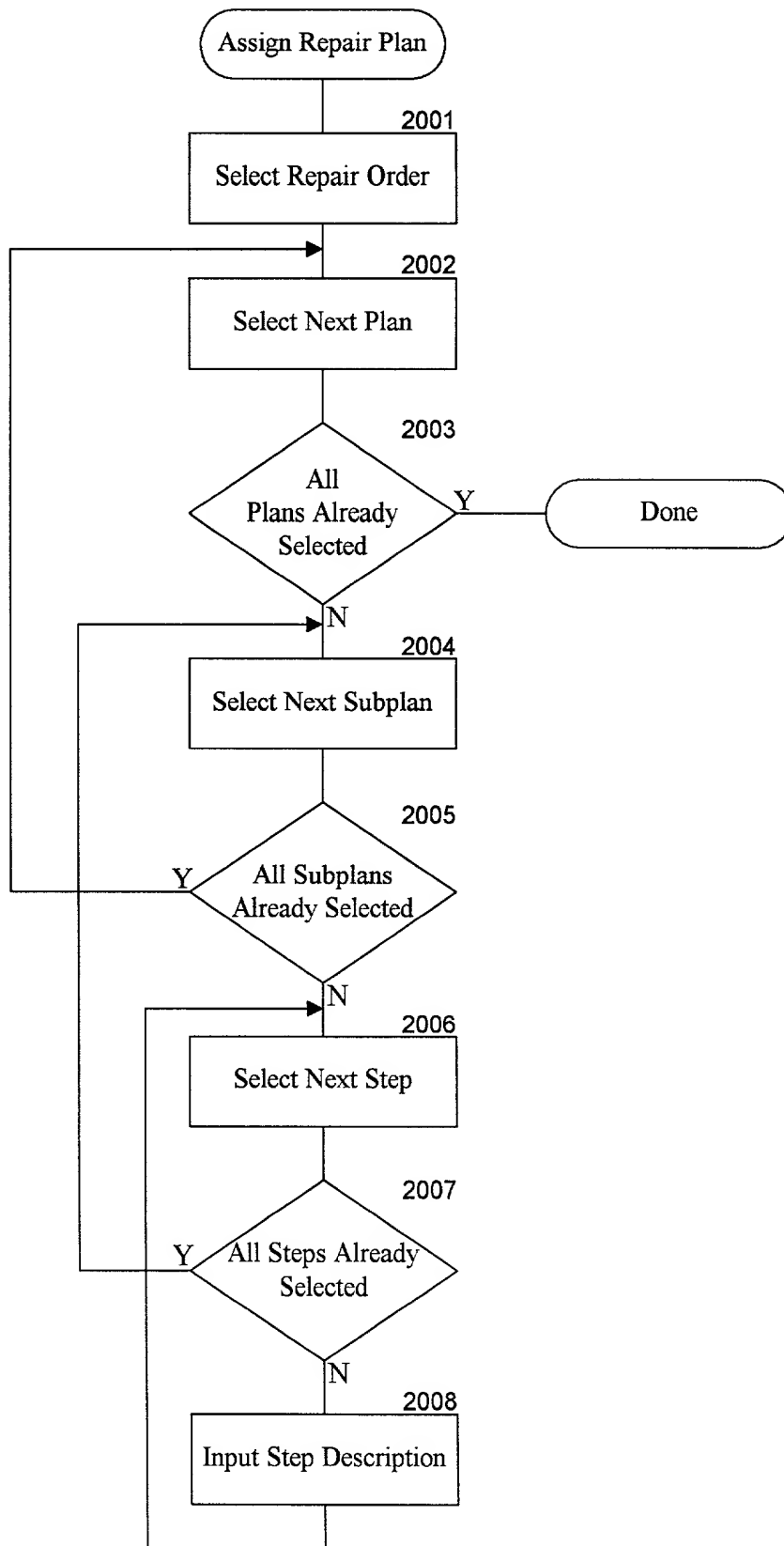


**Fig. 17**



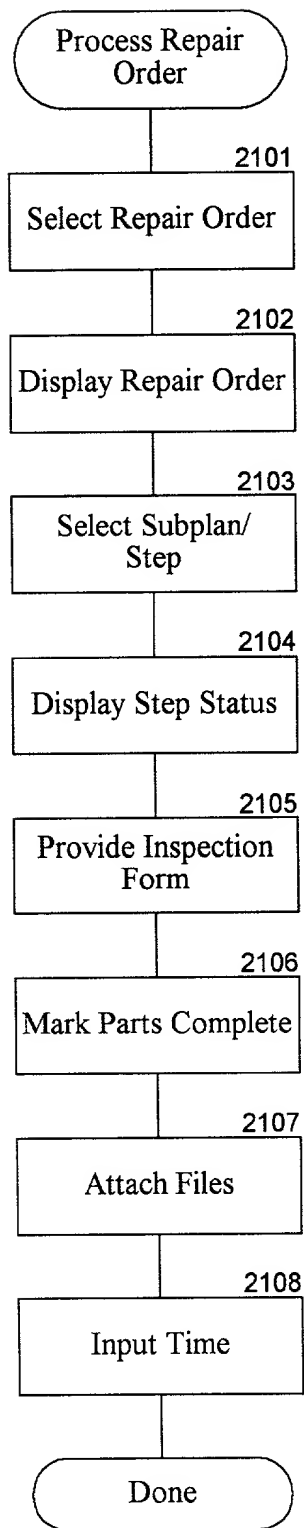
***Fig. 18***





**Fig. 20**





**Fig. 21**